Table A-5A. Proposed Changes in Chloride Loads after TMDL Implementation, Including Margin of Safety Attaining Water Quality Objectives under Drought and Post-Drought Conditions. Part 1: Northern Reaches.

Reach / Discharge	Current Loads, Post-Drought Conditions: Flow, ft^3/s *	Conc., mg/L	Mass, lb/day	Changes Proposed by TMDL: Projected Flow, ft^3/s *	Reduced Mass, lb/day	Percent Reduction in Mass	Target Conc., mg/L	LA / WLA, lb/day
Tapo Canyon, Reach 8								
Groundwater discharge	0.75	192	800	0.75	0	0	192	800
Urban non-storm runoff	0.75	130	500	0.75	0	0	130	500
Arroyo Simi, Reach 7								
Groundwater discharge, headwaters	0.75	192	800	0.75	0	0	192	800
Pumped groundwater***	2	180	1,900	0	--	--	--	--
Urban non-storm runoff	0.75	100	400	0.75	0	0	100	400
Conditions, USGS gauge Arroyo Simi	***5.0***	***164***	***4,400***	***3.0***			***154***	***2,500***
Simi Valley POTW	14.1	136	10,200	13.6	1,000	10%	127	9,200
Pumped groundwater***	0	--	--	1.8	700	37%	127	1,200
Groundwater discharge, near Simi Valley	2	180	1,900	2	0	0	180	1,900
Conditions, outflow to Reach 6	***21.1***	***147***	***16,500***	***20.4***			***136***	***14,800***
Arroyo Las Posas, Reach 6								
Agricultural withdrawals	-6	147	--	-6			136	--
Moorpark POTW	3.1	142	2,300	3.0	700	30%	100	1,600
Groundwater recharge	-15	147	--	-14			136	--
Conditions, mid-Reach 6	***0***	--	--	***0***			--	--

* Withdrawals and outflows indicated by a negative number **Discharge to groundwater: not directly included in flow totals or mass balance calculations

*** Dewatering wells in Reach 7 currently discharge upstream of USGS gauge; if the discharge requires treatment to meet the WLA, it is assumed the water will be piped to the Simi Valley POTW for treatment and released at that point.

Table A-5B. Proposed Changes in Chloride Loads after TMDL Implementation, Including Margin of Safety, Attaining Water Quality Objectives under Drought and Post-Drought Conditions. Part 2: Southern Reaches.

Reach	Current Loads, Post-Drought Conditions			Changes Proposed by TMDL				
Discharge	Flow, ft^3/s *	Conc., mg/L	Mass, lb/day	Projected Flow, ft^3/s *	Reduced Mass, lb/day	Percent Reduction in Mass	Target Conc., mg/L	LA / WLA, lb/day
Conejo Creek South Fork, Reach 13								
Groundwater discharge	1.5	192	1,500	1.5	0	0	192	1,500
Pumped groundwater	0.5	192	500	0.5	170	34%	124	330
Urban non-storm runoff	3	160	2,600	3	0	0	160	2,600
Conejo Creek North Fork, Reach 12								
Groundwater discharge	3	180	2,900	3	0	0	180	2880
Urban non-storm runoff	2	150	1,600	2	0	0	150	1,600
Arroyo Santa Rosa, Reach 11								
Groundwater recharge	-1.3	--	--	-1.3			--	
Agricultural withdrawals	-2	--	--	-2			--	
Groundwater discharge	3	156	2,500	3	0	0	156	2,500
Urban non-storm runoff	1.5	100	800	1.5	0	0	100	800
Conejo Creek Hill Canyon, Reach 10								
Groundwater recharge	-6	--	--	-6				
Hill Canyon POTW	15.2	142	11,500	14.6	1,800	16%	124	9,700
Agricultural withdrawals	-0.4	--	--	-0.4				
Conejo Creek main stem, Reach 9B								
Conditions, USGS gauge Conejo Ck.	***20.0***	***151***	***16,100***	***19.4***			***136***	***14,100***
Groundwater discharge	2	156	1,700	2	0	0	156	1,700
Urban non-storm runoff	0.8	100	430	0.8	0	0	100	430
Agricultural withdrawals	-1	--	--	-1			--	--
Subsurface inflow	1	151	810	1	80	10%	136	730
Conditions at proposed diversion	***22.8***	***150***	***18,200***	***22.2***			***136***	***16,200***
Conejo Creek main stem, below diversion, Reach 9A								
Diversion ***	-16.8	--	--	-16			--	--
Groundwater discharge	2	180	1,900	1.9	500	26%	136	1,400
Camarillo POTW	3.3	210	3,700	3.1	1,500	41%	136	2,200
Conditions, Conejo/Calleguas confluence	***11.3***	***173***	***10,400***	***11***			***136***	***8,000***

* Withdrawals and outflows indicated by a negative number **Discharge to groundwater: not directly included in flow totals or mass balance calculations

Table A-5C. Proposed Changes in Chloride Loads after TMDL Implementation, Including Margin of Safety, Attaining Water Quality Objectives under Drought and Post-Drought Conditions. Part 3: Calleguas Creek Main Stem.

Reach	Current Loads, Post-Drought Conditions			Changes Proposed by TMDL				
Discharge	Flow, ft^3/s *	Conc., mg/L	Mass, lb/day	Projected Flow, ft^3/s *	Reduced Mass, lb/day	Percent Reduction in Mass	Target Conc., mg/L	LA / WLA, lb/day
Calleguas Creek Main Stem, Reach 3								
Inflow from Reach 6	0	--	--	0			--	--
Inflow from Reach 5	11.3	173	10,400	11.0			136	8,000
Groundwater discharge near Conejo confl	1.6	300	2,600	1.4	1,600	62%	136	1,000
Agricultural withdrawals	-1	--	--	-1			--	--
Agricultural discharge	2	300	3,200	1.8	1,900	59%	136	1,300
Camrosa POTW	2.3	300	3,700	2.1	2,200	59%	136	1,500
Groundwater discharge near Camrosa POTW	2.3	300	3,700	2.1	2,200	59%	136	1,500
Conditions, USGS gauge Potrero Rd.	***16.2***	***219***	***18,900***	***15.3***			***136***	***11,100***

* Withdrawals and outflows indicated by a negative number **Discharge to groundwater: not directly included in flow totals or mass balance calculations